

Please type a plus sign (+) inside this box → [+]

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|--|---|----|---|--------------------------|-----------------------|
| Substitute for form 1449A/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | Application Number | Based on 09/382,676 |
| | | | | Filing Date | August 25, 1999 |
| | | | | First Named Inventor | Yuji KAWASAKI, et al. |
| | | | | Group Art Unit | 2643 |
| | | | | Examiner Name | M. Ramakrishnaiah |
| Sheet | 1 | of | 2 | Attorney Docket Number | 0756-7270 |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------------------|--------------------------|----------------------|--------------------------------------|--|--|--|
| Examiner Initials ¹ | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number | Kind Code ² (if known) | | | |
| /M.E./ | | 4,706,072 | | Ikeyama | 11/10/87 | |
| /M.E./ | | 5,046,835 | | Billeter et al. | 09/10/91 | |
| /M.E./ | | 5,293,427 | | Ueno et al. | 03/08/94 | |
| /M.E./ | | 5,585,839 | | Ishida et al. | 12/17/96 | |
| /M.E./ | | 4,359,724 | | Zimmerman et al. | 11/16/82 | |
| /M.E./ | | 5,412,708 | | Katz | 05/02/95 | |
| /M.E./ | | 5,008,946 | | Ando | 04/16/91 | |
| /M.E./ | | 4,928,090 | | Yoshimi et al. | 05/22/90 | |
| /M.E./ | | 4,827,532 | | Bloomstein | 05/02/89 | |
| /M.E./ | | 5,541,640 | | Larson | 07/30/96 | |
| /M.E./ | | 5,606,361 | | Davidsohn et al. | 02/25/97 | |
| /M.E./ | | 5,611,038 | | Shaw et al. | 03/11/97 | |
| /M.E./ | | 5,734,923 | | Sagawa et al. | 03/31/98 | |
| /M.E./ | | 4,533,943 | | Poirier | 08/06/85 | |
| /M.E./ | | 4,645,872 | | Pressman et al. | 02/24/87 | |
| /M.E./ | | 4,928,300 | | Ogawa et al. | 05/22/90 | |
| /M.E./ | | 4,953,111 | | Yamamoto et al. | 08/28/90 | |
| /M.E./ | | 5,057,834 | | Nordstrom | 10/15/91 | |
| /M.E./ | | 5,065,447 | | Barnsley et al. | 11/12/91 | |
| /M.E./ | | 5,079,627 | | Filo | 01/07/92 | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|-----------------------------------|--------------------------|-------------------------|---|--|--|---|
| Examiner Initials ¹ | Cite No. ¹ | Foreign Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Office ³ | Number ⁴ Kind Code ⁵ (if known) | | | |
| /M.E./ | | JP | 06-070313 | | 03/11/1994 | Abst. |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS | | | |
|---|--------------------------|---|----------------|
| Examiner Initials ¹ | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| /M.E./ | | Harasaki et al., "Background Separation/Filtering for Videophone Applications," IEEE 1990, pp. 1981-1984. | |

| | | | |
|-----------------------|------------------|--------------------|------------|
| Examiner Signature | /Maria El-zoobi/ | Date Considered | 10/10/2007 |
|-----------------------|------------------|--------------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → [+]

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|---|---|----|---|--------------------------|-----------------------|
| Substitute for form 1449A/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | | Application Number | Based on 09/382,676 |
| | | | | Filing Date | August 25, 1999 |
| | | | | First Named Inventor | Yuji KAWASAKI, et al. |
| | | | | Group Art Unit | 2643 |
| | | | | Examiner Name | M. Ramakrishnaiah |
| Sheet | 2 | of | 2 | Attorney Docket Number | 0756-7270 |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------------------|--------------------------|----------------------|--------------------------------------|--|--|--|
| Examiner Initials ¹ | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number | Kind Code ² (if known) | | | |
| /M.E./ | | 5,086,480 | | Sexton | 02/04/92 | |
| /M.E./ | | 5,381,195 | | Rootzen et al. | 01/10/95 | |
| /M.E./ | | 5,402,109 | | Mannik | 03/28/95 | |
| /M.E./ | | 5,465,079 | | Bouchard et al. | 11/07/95 | |
| /M.E./ | | 5,537,662 | | Sato et al. | 07/16/96 | |
| /M.E./ | | 4,755,045 | | Borah et al. | 07/05/88 | |
| /M.E./ | | 4,789,235 | | Borah et al. | 12/06/88 | |
| /M.E./ | | 4,859,050 | | Borah et al. | 08/22/89 | |
| /M.E./ | | | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | | |
|-----------------------------------|--------------------------|-------------------------|---------------------|--------------------------------------|--|--|--|-------------------|
| Examiner Initials ¹ | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | | | | |
| /M.E./ | | EP | 0 571 934 | | | 12/01/1993 | | English |
| /M.E./ | | JP | 03-255793 | | | 11/14/1991 | | Abst. |
| /M.E./ | | KO | 88-000903 | | | 03/30/1998 | | Concise Stmnt. |
| /M.E./ | | JP | 06-070313A | | | 03/11/1994 | | Abst. |
| /M.E./ | | JP | 04-310086A | | | 11/02/1992 | | Abst. |
| /M.E./ | | JP | 06-038205A | | | 02/10/1994 | | Abst. |
| /M.E./ | | JP | 02-238788 | | | 09/21/1990 | | Abst. |
| /M.E./ | | JP | 06-141308A | | | 05/20/1994 | | Full |
| /M.E./ | | JP | 06-205404A | | | 07/22/1994 | | Abst. |
| /M.E./ | | JP | 03-049492A | | | 03/04/1991 | | Abst. |
| /M.E./ | | JP | 62-217939 | | | 09/25/1987 | | |
| /M.E./ | | JP | 62-245183 | | | 10/26/1987 | | Abst. |
| /M.E./ | | JP | 05-294166 | | | 11/09/1993 | | Abst. |
| /M.E./ | | JP | 06-046414 | | | 02/18/1994 | | Abst. |
| /M.E./ | | EP | 0 240 336 | | | 10/07/1987 | | Eng. |

| | | | |
|-----------------------|------------------|--------------------|------------|
| Examiner Signature | /Maria El-zoobi/ | Date Considered | 10/10/2007 |
|-----------------------|------------------|--------------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | |
|---|--|--|---|--|
| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> Sheet 1 of 1 | | | Complete if Known Application Number: 10/799,627 Filing Date: March 15, 2004 First Named Inventor: Yuji KAWASAKI et al. Group Art Unit: Examiner Name: Attorney Docket Number: 0756-7270 | |
|---|--|--|---|--|

[illegible][illegible]

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS | | | |
|---|--------------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | | | |

| | | | |
|--------------------|------------------|-----------------|------------|
| Examiner Signature | /Maria El-zoobi/ | Date Considered | 10/10/2007 |
|--------------------|------------------|-----------------|------------|

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

SEP 01 2005
O I P E
PATENT & TRADE MARK

[illegible][illegible]

| OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS | | | |
|---|-----------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | | | |

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|---|---|----|---|--------------------------|----------------------|
| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> | | | | Complete If Known | |
| | | | | Application Number | 10/799,627 |
| | | | | Filing Date | March 15, 2004 |
| | | | | First Named Inventor | Yuji KAWASAKI et al. |
| | | | | Group Art Unit | |
| | | | | Examiner Name | |
| | | | | Attorney Docket Number | 0756-7270 |
| Sheet | 1 | of | 1 | | |

[illegible][illegible]

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS | | | |
|---|-----------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | | | |

| | | | |
|-----------------------|------------------|--------------------|------------|
| Examiner Signature | /Maria El-zoobi/ | Date Considered | 10/10/2007 |
|-----------------------|------------------|--------------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Commissioner for Patents, Washington, DC 20231.